'Fig. 1

1. Dialing in of a customer to a provider over a Remote-Access-network, cable modem, or wireless connections. The user chooses web pages on the internet, enters search terms, or loads data. All request will be sent through the scanner. The filter can be combined with a proxy server, a DNS server, or a web server.

2. If the scanner determines a request as being faulty, or if an error code is sent by the participating program, i.e. a proxy, DNS, etc., the scanner will send to the error server relevant information in relation with the search such as search terms, URLs, or other requested data.
The scanner blocks the forwarding of the error messages to the participating programs.

3. The error server makes a fault-tolerant search, in either it's own data-base or an external one. The retrieved data that is sent back as one composed response. At the same time the error server retrieves an ad banner which correlates to the request.
Further information on better dealing with errors responses can be introduced.

4. The new composed response from the error-server is sent back to the user by means of the scanner. The user will not receive cryptic error messages. Instead, the user can consider alternative proposals.

Fig. 2